

Docket No. 261736US0PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Mubarik M. CHOWDHRY, et al.

SERIAL NO: 10/521,117

GAU:

FILED: January 12, 2005

EXAMINER:

FOR: METHOD FOR THE EMULSION POLYMERIZATION OF OLEFINS



INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
 ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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 MAIER & NEUSTADT, P.C.

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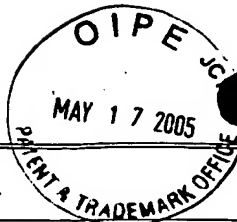
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Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
261736US0PCTSERIAL NO.
10/521,117

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Mubarik M. CHOWDHRY, et al.

FILING DATE

January 12, 2005

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	5 574 091	11/12/96	WALTHER et al.			
	AB	3 635 937	01/18/72	BAUER et al.			
	AC	3 686 159	08/22/72	BAUER et al.			
	AD	4 698 403	10/06/87	KLABUNDE			
	AE	4 716 205	12/29/87	KLABUNDE			
	AF						
	AG						
	AH						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AI	03/006528	01/23/03	WO (with English abstract)		NO
	AJ	01/44325	06/21/01	WO (with English abstract)		NO
	AK	33 45 785	06/27/85	DE		NO
	AL	34 45 090	06/19/86	DE		NO
	AM	0 137 389	04/17/85	EP (equivalent of US 4620021)		NO
	AN	29 23 206	12/11/80	DE		NO
	AO	0 046 331	02/24/82	EP		NO
	AP	0 046 328	02/24/82	EP		NO
	AQ	97/17380	05/15/97	WO		NO
	AR	98/42664	10/01/98	WO		NO
	AS	1 110 977	06/27/01	EP		NO

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AT	BAUERS, Florian M. et al. "Catalytic Polymerization of Ethylene in Aqueous Emulsion with a Simple in Situ Catalyst", Macromolecules, vol. 36, no. 18, pages 6711-6715 2003				
	AU	TEYSSIE, Philippe et al. "Polymerization by transition metal derivatives. III. Competitive effect of various ligands on stereospecific polymerization of butadiene by rhodium salts in aqueous emulsion", Bulletin de la Societe Chimique de France, no. 10, pages 2842-2848 1965				
	AV	BERGER, Richard S. et al. "Emulsion Polymerization of Vinyl Monomers by Transition Metal Compounds", Journal of Polymer Science: Part A", vol. 2, no. 1, part A, pages 357-365 1964				
	AW	BRINTZINGER, Hans H. et al. "Stereospecific Olefin Polymerization with Chiral Metallocene Catalysts", Angew. Chem. Int. Ed. Engl., vol. 34, pages 1143-1170 1995				
	AX	WANG, Lin et al. "Coordination Polymerization of Ethylene by Single-Component Rhodium Catalysts in Protic Solvents", J. Am. Chem. Soc., vol. 115, pages 6999-7000 1993				
	AY	JOHNSON, Lynda K. et al. "New Pd(II)- and Ni(II)-Based Catalysts for Polymerization of Ethylene and alpha-Olefins", J. Am. Chem. Soc., vol. 117, pages 6414-6415 1995				<input type="checkbox"/> Additional References sheet(s) attached

Examiner

Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



U.S. PCT Application Serial No.: 10/521,117
Docket No.: 261736US0PCT

STATEMENT OF RELEVANCY

- 1) References AI-AN, AT-AV have been cited in the International Search Report. Copies of these references are being submitted herewith only when not automatically provided by the International Searching Authority.
- 2) References _____ have been cited in the corresponding _____ Search Report. A copy of these references is being submitted herewith.
- 3) References AA-AE, AO-AS, AW-AY are discussed in the specification. A copy of these references is being submitted here with.
- 4) References _____ are additional prior art known to Applicant. A copy of these references is being submitted herewith.